

CONTENTS

Owen Lloyd Hughes (1924–1992): Dedication	3
Preface	5
Miocene and Pliocene Lacustrine and Fluvial Sequences, Upper Ramparts and Canyon Village, Porcupine River, East-Central Alaska T. D. FOUCH, L. D. CARTER, M. J. KUNK, C. A. SCOTT SMITH and J. M. WHITE	11
⁴⁰ Ar/ ³⁹ Ar Age Constraints on Neogene Sedimentary Beds, Upper Ramparts, Half-Way Pillar and Canyon Village Sites, Porcupine River, East-Central Alaska M. J. KUNK, H. RIECK, T. D. FOUCH and L. D. CARTER	31
Palynology, Paleoclimatology and Correlation of Middle Miocene Beds from Porcupine River (Locality 90-1), Alaska J. M. WHITE and T. A. AGER	43
Paleosols Associated with Miocene Basalts, Porcupine River, Northeastern Alaska: Implications for Regional Paleoclimates C. A. SCOTT SMITH, C. A. FOX and H. KODAMA	79
Identification of Neogene Woods from Alaska–Yukon E. A. WHEELER and C. G. ARNETTE, JR	91
A Long Pollen Sequence of Neogene Age, Alaska Range E. B. LEOPOLD and G. LIU	103
Ballast Brook and Beaufort Formations (Late Tertiary) on Northern Banks Island, Arctic Canada J. G. FYLES, L. V. HILLS, J. V. MATTHEWS, JR, R. BARENDREGT, J. BAKER, E. IRVING and H. JETTE	141
A Preliminary Discussion of Fossil Larches (<i>Larix</i> , Pinaceae) from the Arctic H. E. SCHORN	173
Pliocene Terrace Gravels of the Ancestral Yukon River Near Circle, Alaska: Palynology, Paleobotany, Paleoenvironmental Reconstruction and Regional Correlation T. A. AGER, J. V. MATTHEWS, JR and W. YEEND	185
Structurally Preserved Larch and Spruce Cones from the Pliocene of Alaska C. N. MILLER, JR and L. PING	207
Paleomagnetic Results from Ch'ijee's Bluff, Porcupine River, Yukon Territory M. E. EVANS and Y. WANG	215
Tertiary–Quaternary Drainage of the Pre-Glacial Mackenzie Basin A. DUK-RODKIN and O. L. HUGHES	221

